

Application No. 83901

**APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADA**

THIS SPACE FOR OFFICE USE ONLY	
Date of Filing in State Engineer's Office	JUN 13 2014
Returned to applicant for correction	
Corrected Application filed	Map filed JUN 13 2014

The applicant Town of Battle Mountain

315 S. Humboldt Street

Street Address or P.O. Box

of Battle Mountain

City or Town

Nevada 89820

State and ZIP Code

hereby make(s) application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

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1. The source of water is Underground
Name of the stream, lake, underground, spring or other sources.
 2. The amount of water applied for is 1,200 AFA at 3.57cfs
One second foot equals 448.83 gallons per minute.
 - (a) If stored in a reservoir give the number of acre-feet _____
 3. The water is to be used for municipal and domestic
Irrigation, power, mining, commercial, domestic or other use. Must be limited to one major use.
 4. If use is for:
 - (a) Irrigation, state number of acres to be irrigated _____
 - (b) Stockwater, state number and kind of animals _____
 - (c) Other use (describe fully in No. 12) _____
 - (d) Power:
 - (1) Horsepower developed _____
 - (2) Point of return of water to stream _____

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5. The water is to be diverted from its source at the following point: (Describe as being within a 40-acre subdivision of public survey, and by course and distance to a found section corner. If on unsurveyed land, it should be so stated.)

Point of Diversion located within the southeast quarter of the northeast quarter of section 11, T31N, R44E, MDM, from which the E1/4 corner of Section 11 bears S39 degrees 30' 00" E a distance of 850 feet.

6. Place of use: (Describe by legal subdivision. If on unsurveyed land, it should be so stated)

TOWN OF BATTLE MOUNTAIN, LANDER COUNTY,
SECTION 13, SECTION 24, SECTION 25, E1/2 SECTION 35, & SECTION 36, T32N, R44E, MDM,
SE1/4 SECTION 7, SECTION 17, SECTION 18, SECTION 19, SECTION 20, SE1/4 SECTION 21, SW1/4 SECTION
21, NW1/4 SECTION 21, SE1/4 OF THE NE1/4 SECTION 21, SW1/4 OF THE NE1/4 SECTION 21, NW1/4 OF
THE NE1/4 SECTION 21, S1/2 SECTION 26, SECTION 27, SECTION 28, SECTION 29, SECTION 30, SECTION
31, SECTION 32, SECTION 33, SECTION 34, & SECTION 35, T32N, R45E, MDM
BASINS 59 & 64

7. Use will begin about Jan 1 and end about Dec 31 of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with a pump and motor, etc.)

Drill and develop a new municipal well

9. Estimated cost of works: \$550,000

10. Estimated time required to construct works: see attached description of work

(If the well is complete, describe works.)

11. Estimated time required to complete the application of water to beneficial use: 10 years

12. Provide a detailed description of the proposed project and its water usage (use attachments if necessary): (Failure to provide a detailed description may cause a delay in processing.)

See attachment

13. Miscellaneous remarks:

See attachment

jay_fischer@sbcglobal.net

E-mail Address

775-455-6626

Phone No.

Ext.

APPLICATION MUST BE SIGNED
BY THE APPLICANT OR AGENT

Jay Fischer

Jay Fischer
Type or print name clearly
Signature, applicant or agent

Reese River Hydrologic

Company Name

385 Jillian Dr.

Street Address or PO Box

Battle Mountain, NV 89820

City, State, ZIP Code

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LAND ENGINEERS OFFICE

May 28, 2014

Applicant: Town of Battle Mountain

Attachment to application for permit to appropriate the public waters of the State of Nevada

(10) Description of completed well

A 16inch well was drilled and completed to a total depth of 860 feet by a Nevada licensed water well driller in September 2013 under Permit #82892T. See attached drillers report and well "as-built" drawing for construction details

(12) Description of Proposed Project

The historic municipal groundwater supply for the Town of Battle Mountain did not meet the water quality standard for arsenic. In 2010 two new municipal supply wells were drilled south of the Town of Battle Mountain in an area identified as meeting the arsenic standard. These two new water wells were placed in production and were unable to meet the peak summer time demand even at 100% availability of both wells. Given that this type of availability and peak demand shortfall is not a favorable operating condition, the decision was made to drill and complete a "Backup" well to provide some redundancy and capacity to the current municipal system.

The "Backup" well was drilled and completed in September 2013 under permit # 82892T. The two new municipal wells drilled in 2010 have a combined capacity of 1,200GPM. The maximum day demand for the water system is approximately 1,400 GPM. The new well drilled in September 2013 was test pumped and is estimated to have a sustained capacity of 1,400GPM. This new well provides the capacity and redundancy necessary for the current municipal system.

(13) Miscellaneous remarks

This application for a new appropriation will provide the Town of Battle Mountain with the necessary water rights in meet the arsenic stand for the current and future capacity required by the municipal system.

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